Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A configurable antenna system comprising:

an antenna arrangement configured to selectively vary between first and second operational positions;

a signal reflecting member positioned to cooperate with the antenna arrangement while the antenna arrangement is in the second operational position, to establish a directional antenna mode configuration that is perpendicular to the signal reflecting member; and

a pivot member coupled to the antenna arrangement for pivotally varying the antenna between the first and second operational positions;

wherein in the first operational position, the antenna arrangement operates in an omni-directional antenna mode; [[and]]

wherein in the second operational position, the antenna arrangement operates in a directional antenna mode; and

wherein in the first operational position the antenna arrangement is perpendicular with the signal reflecting member and in the second operational position the antenna arrangement is parallel with the signal reflecting member.

2. (Original) The antenna system of claim 1 wherein the antenna arrangement comprises a diversity pair of omni-directional antennas.

3. (Original) The antenna system of claim 2 wherein the diversity pair of omni-directional antennas is formed on a circuit board.

4. (Original) The antenna system of claim 1 further comprising a switch for detecting whether the antenna arrangement is in a respective one of the first operational position, for enabling the omni-directional antenna mode, and the second operational position, for enabling the directional operational mode.

Claims 5 - 6 (Canceled)

6. (Previously Presented) The antenna system of claim 1, wherein the antenna arrangement in the first operational position is substantially perpendicular with respect to the signal reflecting member, and wherein the antenna arrangement in the second operational position is substantially parallel with respect to the signal reflecting member.

7. (Previously Presented) The antenna system of claim 1, wherein in the second operational position, the antenna arrangement is substantially proximate to the signal reflecting member to provide a signal reflection from the antenna arrangement.

8. (Original) The antenna system of claim 1 wherein the signal reflecting member is formed integrally with a metal housing.

9. (Original) The antenna system of claim 1 wherein the antenna system is incorporated in a wireless access point for use with a wireless local area network.

10. (Currently Amended) A wireless access point for a wireless local area network comprising:

a radio component comprising suitable radio electronics circuitry for converting electronic signals back and forth into wireless radio frequency signals;

an antenna arrangement for transmitting and receiving the wireless radio frequency signals, and configured to selectively vary between first and second operational positions[[ ]];

a signal reflecting member positioned to cooperate with the antenna arrangement while the antenna arrangement is in the second operational position, to establish a directional antenna mode configuration that is perpendicular to the signal reflecting member; and

a pivot member coupled to the antenna arrangement for pivotally varying the antenna between the first and second operational positions;

wherein in the first operational position, the antenna arrangement operates in an omni-directional antenna mode; [[and]]

wherein in the second operational position, the antenna arrangement operates in a directional antenna mode; and

wherein in the first operational position the antenna arrangement is perpendicular with the signal reflecting member and in the second operational position the antenna arrangement is parallel with the signal reflecting member.

11. (Original) The wireless access point of claim 10 wherein the antenna arrangement comprises a diversity pair of omni-directional antennas.

12. (Original) The wireless access point of claim 11 wherein the diversity pair of omni-directional antennas is formed on a circuit board.

13. (Original) The wireless access point of claim 10 further comprising a switch for detecting whether the antenna arrangement is in a respective one of the first operational position, for enabling the omni-directional antenna mode, and the second operational position, for enabling the directional operational mode.

Claims 14 - 15 (Canceled)

16. (Currently Amended) The wireless access point of claim [[14]]11 wherein in the second operational position, the antenna arrangement is substantially proximate to the signal reflecting member, so as to provide a signal reflection from the antenna arrangement.

17. (Original) The wireless access point of claim 11 wherein the signal reflecting member is formed integrally with a reflective access point housing.

18. (Original) The wireless access point of claim 10 wherein the radio component comprises means for converting signals between a wireless protocol and a wired network protocol.

19. (Original) The wireless access point of claim 18 wherein the means for converting signals converts from between the IEEE 802.11 wireless protocol and the IEEE 802.3 wired network protocol.

20. (Previously Presented) In a wireless telecommunications system, a method of antenna operation comprising:

operating an antenna arrangement in an omni-directional antenna mode while the antenna arrangement is in a first position; and

operating the antenna arrangement in a directional antenna mode while the antenna arrangement is in a second position;

wherein the antenna arrangement is substantially perpendicular with a signal reflecting member while in the first position; and

wherein the antenna arrangement is substantially parallel with the signal reflecting member while in the second position, wherein the signal reflecting member reflects signal from the antenna arrangement in a direction that is substantially perpendicular to the reflecting member while the antenna arrangement is in the second position.

21. (Original) The method of claim 20 wherein the step of providing an antenna arrangement comprises providing a diversity pair of omni-directional antennas.

22. (Original) The method of claim 21 wherein the step of providing an antenna arrangement further comprises providing a diversity pair of omni-directional antennas formed on a circuit board.

23. (Original) The method of claim 20 further comprising a step of detecting whether the antenna arrangement is in a respective one of the first operational position, for enabling the omni-directional antenna mode, and the second operational position, for enabling the directional operational mode.

24. (Original) The method of claim 21 further comprising a step of pivotally varying the antenna arrangement between the first and second antenna positions.

Claims 25 and 26 (Canceled)

27. (Original) The method of claim 20 wherein in the second operational position, the antenna arrangement is substantially proximate to the signal reflecting member, so as to reflect a signal from the antenna arrangement.

28. (New) The antenna system of claim 4, further comprising a media access control processor operably coupled to the switch and configured to operate at a first power level when the switch is in the first operational position and at a second power level when the switch is in the second operational position.

29. (New) The antenna system of claim 28, wherein the second power level is higher than the first power level.

30. (New) The wireless access point of claim 13, further comprising a media access control processor operably coupled to the switch and configured to operate at a first power level when the switch is in the first operational position and at a second power level when the switch is in the second operational position.

31. (New) The method of claim 23, further comprising setting a power level of a transmitter coupled to the antenna based on whether the detected operational position of the antenna arrangement;

wherein the power level is automatically set to a lower level responsive to determining the detected operational position has changed from the first operational position to the second operational position.

32. (New) The antenna system of claim 1, wherein in the first operational position the antenna system radiates parallel to the reflective surface and in the second operational position the antenna system radiates perpendicular to the reflective surface.